

# Purchase Order Receipt Listing

Wednesday, July 20, 2016 12:44:47 PM

Page 1 of 1

All Vendors PO ID PO33004 Receipt Dates from 7/20/2016 to 7/20/2016 All Line Item Types  
All Item ID/GL/WOs All Rec. Employees All Currencies  
Grouped by Vendor ID

All amounts are calculated in domestic currency.

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date Required Qty	Recv Date/ Date/	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID/Vendor Name PO33004 CAD	1 No	VC-COP001	Thyssenkrupp Materials CA Ltd M304B0.625X3.000 f 304 BAR.625 X 3.00 f m135287		7/25/2016 12.0000	7/20/2016 PLOU01	12.0000	\$18.00 \$216.00	0.0000 0.0000	0 0	\$216.00
2 No			M304B1.000X1.000 f 304 bar 1.00 x 1.00 f m135287		7/20/2016 12.0000	7/20/2016 PLOU01	12.0000	\$15.20 \$182.44	0.0000 0.0000	0 0	\$182.44
6 No			71401-45 PROCUREMENT QUALITY CLAUSES m135287		7/20/2016 1.0000	7/20/2016 PLOU01	1.0000	\$0.00 \$0.00	0.0000 0.0000	0 0	\$0.00

Total Received Quantity: 25.0000  
Total Qty to Inspect (PO U/M): 0.0000  
Total Reject Quantity: 0.0000  
Total Receipt Value: \$398.44  
Total Balance Due Quantity: 0.0000

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 4304B0.625X3.000 DATE: 11/07/21  
 PO / BATCH NO.: P033004 / M135287

MATERIAL CERT REC'D: 485  
 QUANTITY RECEIVED: 12' (151")  
 QUANTITY INSPECTED: 12' (151")  
 QUANTITY REJECTED: 0  
 THICKNESS ORDERED: .625  
 THICKNESS RECEIVED: .640  
 SHEET SIZE ORDERED: 0  
 SHEET SIZE RECEIVED: 0

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y	
CORRECT FINISH	Y	
CORROSION	Y	
CORRECT GRAIN DIRECTION	Y	
CORRECT MATERIAL	Y	304
CORRECT THICKNESS	Y	0.640 acceptable as per ASTM tolerance
PHOTO REQUIRED	Y	
CORRECT MATERIAL	Y	ASTM A316
CORRECT REF # TO LINK CERT	Y	Heat # 21051053
CORRECT MATERIAL IDENTIFICATION	Y	M304B0.625X3.000
CORRECT # ON THE MATERIAL	Y	M135287
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK				
RECORD RESULTS BELOW				
HRC	HRB	DUR A	DUR D	

Testers located in the Quality Office

QC 18 INSPECTION ENGINEERING SIGNOFF (if required)

INSPECTED BY: PD 48 9-89

DATE: 11-07-21

SIGNED OFF BY: \_\_\_\_\_

DATE: \_\_\_\_\_

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M 304B1.000X1.000  
DATE: 16/07/21

MATERIAL CERT REC'D: 485  
QUANTITY RECEIVED: 12' (155")  
QUANTITY INSPECTED: 12' (155")  
QUANTITY REJECTED: 0

PO / BATCH NO.: F033004/135287

THICKNESS ORDERED: 1.000  
THICKNESS RECEIVED: .997  
SHEET SIZE ORDERED: 0  
SHEET SIZE RECEIVED: 0

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="radio"/> Y	
CORRECT FINISH	<input checked="" type="radio"/> Y	
CORROSION	<input checked="" type="radio"/> Y	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	304
CORRECT THICKNESS	<input checked="" type="radio"/> Y	.997
PHOTO REQUIRED	<input checked="" type="radio"/> Y	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	ASTM A276
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	Heat # 209932
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	M 304B1.000X1.000
CORRECT # ON THE MATERIAL	<input checked="" type="radio"/> Y	M135287
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="radio"/> Y	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="radio"/> Y	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

Testers located in the Quality Office

QC 18 INSPECTION ENGINEERING SIGNOFF (if required)

INSPECTED BY: 48  
DATE: 16/07/21

SIGNED OFF BY: \_\_\_\_\_  
DATE: \_\_\_\_\_

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# B I L L O F L A D I N G

Ship From:  
 THYSSENKRUPP MATERIALS NA  
 2821 LANGSTAFF ROAD  
 CONCORD, ONTARIO L4K 5C6  
 Tel: 905 669 9444 Fax: 905-738-9033

No: PEC 806  
 Ship Date 20Jul16 at 10:15 From PFW  
 Probill  
 Via VIM DELIVERY  
 FOB CONCORD  
 Frt PREPAID  
 Route 0- 0 Manifest  
 Vhcle Trailer  
 Slp STAN IVERS (905-532-1350)  
 Sold To: ( 20115)  
 DART AEROSPACE  
 1270 ABERDEEN ST  
 HAWKESBURY, ON K6A 1K7

Ship To: ( 1)  
 DART AEROSPACE  
 1270 ABERDEEN ST  
 HAWKESBURY, ON K6A 1K7  
 Tel: 613-632-9577 Fax: 613-632-1053

# B I L L O F L A D I N G

1) Our Order PEC-948525- 1 Your PO # 33004  
 STAINLESS STEEL SQ BAR 304L  
 1.00" X 155.0000" RML

BACK ORDER FROM BILL OF LADING 364

Heat Number 269432 Tag No 552173

Quantity 12 FT PCS 1 Wt LBS 45

TOTAL: Tags 1 PCS 1 LBS 45

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
 TO SHIPPING.

ATTN: CHANTAL/LINDA

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
 \*\* REFERENCED ON IT \*\*

TOTAL 1 BDL GW. 68 LBS

\*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA  
 CONCORD, ONT.\* \*\*\* 9:00 AM TO 4:00 PM \*\*\*  
 \*\*\*\* TEL. 800-926-2600 \*\*\*\*

\*\*\*\*\*  
 \* WE STOCK STAINLESS STEEL \*  
 \* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*  
 \*\*\*\*\*  
 \*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE

Page: 1 ....Continued

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX  
 ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

*Mathieu Laroche*

## B I L L O F L A D I N G

No: PEC 806

Ship From:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 20Jul16 at 10:15 From PFW  
Probill  
Via VIM DELIVERY  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE

Ship To: ( 1)  
DART AEROSPACE

## B I L L O F L A D I N G

ADDED TO EVERY ORDER.\*\*\*

\*\*\*\*\*

\*\*\*UNE SURCHARGE D'ENERGIE DE \$25.00

SERA AJOUTEE A CHAQUE COMMANDE.\*\*\*

\*\*\*POUR VOS BESOINS D'ACIER INOXYDABLE,

\*CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600\*

Page: 2 .... Last

ALUMINIUM - LATON - CUIVRE - PLASTIQUE - ACIER INOX  
ALUMINUM - BRASS - COPPER - PLASTICS - STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

## B I L L O F L A D I N G

Ship From:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

No: PEC 806  
Ship Date 20Jul16 at 10:15 From PFW  
Probill  
Via VIM DELIVERY  
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Sold To: ( 20115)  
DART AEROSPACE

Ship To: ( 1)  
DART AEROSPACE

## B I L L O F L A D I N G

=====

ADDED TO EVERY ORDER.\*\*\*

\*\*\*\*\*

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Page: 2 .... Last

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX  
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

12/07/21

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

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MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION  
TVQ/GST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

DATE





# Acciaierie Valbruna S.p.A.

36100 VICENZA (Italia) - Viale della scienza, 25 z.i.  
Telefono 0444.968211 - Fax 0444.963836  
Stab. 39100 BOLZANO (Italia) - Via A. Volta, 4/37  
Telefono 0471.924111 - Fax 0471.824497

### CERTIFICATO DI COLLAUDO - ABNAHMEPRUEFZEUGNIS - INSPECTION CERTIFICATE - CERTIFICAT DE RECEPTION

In conformità a: **EN 10204 (2004), 3.1**

Nach/According to/Selon

Certificato nr. **MEST875470 / 2016 /**

Prüfung/Test/Essai

Cliente / Desteller/Purchaser/Cient  
**VALBRUNA CANADA LTD**  
**8724 HOLGATE CRESCENT**  
**L5T 5Z1 - MILTON, ONT L5T 5Z1 - CA**

Stato di fornitura: **Hot rolled - Annealed Cold Drawn**  
Lieferzustand:  
Delivery state:  
Etat de livraison:

Produttore:  
Hersteller/Hersteller/Produktion  
**ACCIAIERIE VALBRUNA S.P.A.**

Ordine nr: **603005590 STOCK**

Bestell:  
Your order:  
Commande:

Tipo di Elaborazione: **E+AOD**

Erzählungsart:  
Melting process:  
Mode d'élaboration:

Marchi di Fabbrica:  
Zeichen des Herstellers:  
Trade marks:  
Signes de l'usine productrice:



Conferma ordine nr: **E16002840**

Wiederholungsbestellung:

Qualität

Werkstoff/Grade/Qualité

**304/304L**

Punzone del Collaudatore:  
Stempel des Werksachverständigen:  
Inspector's stamp/Plombon de l'essayeur:

**MR**

Avviso di Spedizione: **D-VI16013169**

Lieferanweisung/Packing list/B.L.

Marca:

**AISL**

Punzonatura: **304/304L**

Kenzeichnung:  
Marking:  
Marquage:

#### SPECIFICHE:

Anforderungen / Requirements / Exigences

Note:

Anmerkungen / Notes / Notes

VS1 D 304/304L A,CF  
AISI 304/304L  
AMS 5639 H S30400 A  
AMS 5647 J S30403 A  
AMS-QQ-S-763 D 304 A,CF  
AMS-QQ-S-763 D 304L A,CF  
ASME SA182 2015 S30400/03 A (0)  
ASME SA193 2015 B8 (1)  
ASME SA276 2015 S30400/03 A,CF (2)  
ASME SA320 2015 B8 (3)  
ASME SA479 2015 S30400/03 A (4)  
ASTM A182 2015 S30400/03 A (5)  
ASTM A193 2016 B8 (6)  
ASTM A282-2013 PRACTICE E  
ASTM A276 2016 S30400/03 A,CF  
ASTM A314-2008 S30400/03  
ASTM A320 2015A B8 (7)  
ASTM A370 2014  
ASTM A473 2001 S30400/03 (8)  
ASTM A479 2016 S30400/03 A  
MIL-S-862 B/1 304/304L  
NACE MR0103 2010 S30400/03 A  
NACE MR0175 2009 S30400/03 A (9)

(0)SECTION II PT.A 2015 EDITION For products machined directly from bar refer to ASME SA479.  
(1)SECTION II PT.A 2015 EDITION Chemical analysis only.  
(2)SECTION II PT.A 2015 EDITION  
(3)SECTION II PT.A 2015 EDITION Chemical analysis only.  
(4)SECTION II PT.A 2015 EDITION  
(5)For products machined directly from bar refer also to ASTM A479  
(6)Chemical analysis only.  
(7)Chemical analysis only.  
(8)Chemical analysis only.  
(9)ANSI/NACE MR0175/ISO 15156-3, second edition 2009-10-15 Technical circular 1,2011 Published 2011-05-14

Tolleranza: ASTM A484-15 TABLE B

Pos. nr. Pos. nr. No. de position	Oggetto Objet Object	Tolleranza/Allowance/Tolerance		Lunghezza - In Length Longueur	Colata Schmelze Fusion	Pezzi Stücke Pièces	Peso - LB Gewicht Poids	Lotto nr. Batch Lot n°
		Dimensioni - In Dimensions Dimensions						
0010	Square	1,0000	x 1,0000	156/ 156	269432		4.944	601108360

Vicenza, 25/05/16

VCC008

(Mod. MCE2)

Il collaudatore di stabilimento / der Werksachverständige / Works Inspector / L'agent d'usine

**M. Rizzotto**

Pagina - 1 di 3

# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL SQ BAR 304L  
1.00" X 155.0000" RML  
PART NO.

PO/Rel 33004

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-000806-001

20Jul16

Signed by:

Pg 2/3

Attn:



**Acciaierie Valbruna S.p.A.**

36100 VICENZA (Italia) - Viale della scienza, 25 z.l.  
Telefono 0444.968211 - Fax 0444.963836  
Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4/37  
Telefono 0471.924111 - Fax 0471.924497

### CERTIFICATO DI COLLAUDO - ABNAHMEPRUEFEZEUGNIS - INSPECTION CERTIFICATE - CERTIFICAT DE RECEPTION

In conformità a: **EN 10204 (2004), 3.1**  
Nachfolgend in Übereinstimmung mit

Certificato nr. **MEST875470 / 2016 /**  
Prüfung/Inspektion

Cliente / Besteller/Purchaser/Client  
**VALBRUNA CANADA LTD**  
**8724 HOLLGATE CRESCENT**  
**L5T 5Z1 - MILTON, ONT L5T 5Z1 - CA**

Stato di fornitura: **Hot rolled - Annealed Cold Drawn**  
Lieferzustand  
Delivery state  
Etat de livraison

Produttore:  
Hersteller/Hersteller/Usine productrice  
**ACCIAIERIE VALBRUNA S.P.A.**

Ordine nr: **603005690 STOCK**  
Bestell  
Your order  
Commande

Tipo di Elaborazione: **E+AOD**  
Erzschmelzergang  
Melting process  
Métode d'affinage

Marchi di Fabbrica:  
Zeichen des Lieferwerkes  
Trade marks  
Sigles de l'usine productrice

Conferma ordine nr: **E16002840**  
Werkstoff Order/Ref. nr.

Qualità: **304/304L**  
Werkstoff/Grade/Qualité

Punzone del Collaudatore:  
Stempel des Werkstoffverständigen  
Inspector's stamp/Préimpression de l'essayeur

Avviso di Spedizione: **D-VI16013169**  
Lieferungsgepäckung/Ref. n.

Marca: **AISL**  
Markenbezeichnung  
Brand / Nuance

Punzonatura: **304/304L**  
Kennzeichnung  
Marking  
Marquage

TEST ALLO STATO DI FORNITURA										
Test on delivery condition / Prüfung auf Lieferbereitem produkt / Test à l'état de fourniture / Prueba sobre el material así como entregado										
TEST	Prova/Prüfung Nachweis/Preuve Long. diam. Steel Long. diam. Steel Long. diam. Steel Long. diam. Steel	°F	Prova/Prüfung Nachweis/Preuve Long. diam. Steel Long. diam. Steel Long. diam. Steel Long. diam. Steel	Snervamento Yield Stress Yield Stress Yield Stress Rp 0,2% k.s.i.	Snervamento Yield Stress Yield Stress Yield Stress Rp 0,2% k.s.i.	Resistenza Tensile strength Tensile strength Tensile strength Rm k.s.i.	Allungamento Elongation Elongation Elongation E 4d %	Strizione Reduction of area Reduction of area Reduction of area RA %	Resistenza Impact value Impact value Impact value KJ/m²	Durezza Hardness Hardness Hardness HB
Valori richiesti Anforderungen/Requisits Vergleichswerte	min max			30	-	75	40	50	-	140 235
A	12,5	68	L	74		103	45	68		230

TEST ALLO STATO DI FORNITURA			
Test on delivery condition / Prüfung auf Lieferbereitem produkt / Test à l'état de fourniture / Prueba sobre el material así como entregado			
TEST	min	max	
A Grain size for ASTM E112			5

Mechanical properties according to ASTM A370.

Analisi chimica												
Chemische Zusammensetzung/Chemical Analysis/Analyse chimique												
Code	Steel	min	max	0,030	1,00	2,00	13,00	20,00	1,00	1,00	8,00	0,020
Schmelze/Coque												0,050
	C %	Si %	Mn %	Cr %	Mo %	Cu %	Ni %	Co %	P %	S %	N %	
269432	0,020	0,37	1,74	18,23	0,53	0,73	8,00	0,129	0,033	0,029	0,096	

Corrosion test in 16% sulfuric acid and copper sulfate solutions							
Test standard: ASTM A262-Practice E							
Test	Heat treatment before test	Length of Period (h)	Test temp (°C)	Bend Angle (°)	Ø spindle (mm)	Result of visual inspection at 20 x magnification after bend test	Result
Intergranular corrosion	Sensitization	15	boil	180	5	Absence of cracks	SATISFACTORY

Produced without class I-II Ozone depleting substances.  
Solution heat treated free from continuous carbide network.  
Annealing temperature: 1940°F for 1 h/water.  
Micro and macro etch test: OK  
Reduction ratio = 44,4 : 1  
Material is DFARS Compliant

Sono state soddisfatte tutte le condizioni richieste  
Die gestellten Anforderungen sind in Anlage erfüllt  
The material has been furnished in accordance with the requirements  
Le matériel a été livré conforme aux exigences

Controllo antimescolanza: OK  
Verwundlungsprüfung: spezialanalytisch durchgeführt  
Ankennung testing performed: OK  
Contrôle antimeslange fait: r.s.s.

Controllo visivo e dimensionale: soddisfa le esigenze  
Baugröße und Ausmessung: ist im Stande  
Visual inspection and dimension checks satisfactory  
Contrôle visuel et dimensionnel satisfaisant

Vicenza, 25/05/16  
VCC008  
(Mod. MCE2)

Il collaudatore di stabilimento / der Werkstoffverständige / Works inspector / L'agent d'usine  
**M. Rizzotto**

Pagina - 2 di 3



# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL SQ BAR 304L  
1.00" X 155.0000" RML  
PART NO.

PO/Rel 33004

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-000S06-001

20Jul16

Signed by: 

Pg 3/3

Attn:



### Acciaierie Valbruna S.p.A.

35100 VICENZA (Italia) - Viale della scienza, 25 z.i  
Telefono 0444 968211 - Fax 0444 963836  
Stab : 39100 BOLZANO (Italia) - Via A. Volta, 4/37  
Telefono 0471 924111 - Fax 0471 924497

#### CERTIFICATO DI COLLAUDO - ABNAHMEPRUEFZEUGNIS - INSPECTION CERTIFICATE - CERTIFICAT DE RECEPTION

In conformità a: **EN 10204 (2004), 3.1**

Nach/According to/Gelon

Certificato nr. **MEST875470 / 2016 /**

Prüfung/Tests/Exam

Cliente / Besteller/Purchaser/Client  
**VALBRUNA CANADA LTD**  
**8724 HOLGATE CRESCENT**  
**LST 5Z1 - MILTON, ONT LST 5Z1 - CA**

Stato di fornitura: **Hot rolled - Annealed Cold Drawn**

Lieferzustand  
Delivery state  
Etat de livraison

Produttore:

Hersteller/Fabrik/Usine productrice

**ACCIAIERIE VALBRUNA S.P.A.**

Ordine nr: **603005680 STOCK**

Bestell  
Your order  
Commande

Tipo di Elaborazione: **E+AOD**

Endverarbeitungsart  
Melting process  
Mode d'élaboration

Marchi di Fabbrica:

Zeichen des Lieferwerkes  
Trade marks  
Sigles de l'usine productrice



Conferma ordine nr: **EI16002840**

Werk/Our Order/Pref. nr.

Qualità: **304/304L**

Werkstoff/Grade/Qualité

Punzone del Collaudatore:

Stempel des Werkstoffsachverständigen  
Inspector's stamp/Ponçon de l'essayeur

**MR**

Avviso di Spedizione: **D-VI16013169**

Lieferanweisung/Packing instructions

Marca: **AISL**

Markenbezeichnung  
Brand / Marque

Punzonatura: **304/304L**

Kenzeichnung  
Marking  
Marquage

Melted and manufactured in Italy No welding or weld repair Material free from Mercury contamination

We declare that the finished product is checked for radioactive contamination through Portal System when it leaves the production plant.

#### QUALITY MANAGEMENT SYSTEM CERTIFIED BY LLOYD'S REGISTER ACCORDING TO ISO 9001 : 2008, ISO/TS16949 : 2009, AS 9100C

The Quality Management System is Certified acc. Pressure Equipment Directive '97/23/EC' Annex 1, s. 4.3 by TUEV and LLOYD'S

Any act of tampering, modification, alteration, counterfeiting and/or falsification and/or any other action which modifies the contents of this test certificate shall constitute a violation of applicable civil and criminal laws. Acciaierie Valbruna shall protect its rights and interests before any competent court, authority and jurisdiction.

Maximal and/or Valplus grades/products are manufactured with ladle techniques to control composition, distribution, size and shape of non-metallic inclusions for improved machinability.

The supplied product conforms to requirements expressly requested by the purchaser and conforms to requirements specified by certified norms and standards. Should the product be used for more severe, critical and/or in any case different applications than those the material is generally intended for, any different and/or supplementary requirements shall be specifically demanded, at least, upon order of the Product by the Purchaser. Acciaierie Valbruna SpA shall not be responsible for any improper use of the Products.

Vicenza, 25/05/16

VOCE08

(Mod. MCE2)

Il collaudatore di stabilimento / der Werkstoffsachverständige / Works Inspector / L'agent d'usine

**M. Rizzotto**

Pagina - 3 di 3

B I L L O F L A D I N G  
Ship From:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

150  
No: PEC 669  
Ship Date 18 Jul 16 at 14:20 From PFW  
Probill  
Via VIM DELIVERY  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7

① Ship To: ( 1)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7  
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G  
1) Our Order PEC-948617- 1 Your PO # 33004  
Part # HRAP Rel #

STAINLESS STEEL FLAT BAR 304-L HRAP  
.625" X 3.00" X 144.0000"

Heat Number  
268683

Tag No  
551852

Quantity  
12 FT

PCS  
1

Wt LBS  
82

TOTAL: Tags 1 PCS 1 LBS 82

ADD ON TO 948525 SUR-CHARGE ADDED \*\*\*

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
TO SHIPPING.

ATTN: CHANTAL/LINDA

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
\*\* REFERENCED ON IT \*\*

TOTAL 1 BDL GW. 95 LBS

\*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA  
CONCORD, ONT.\* \*\*\* 9:00 AM TO 4:00 PM \*\*\*

\*\*\*\* TEL. 800-926-2600 \*\*\*\*

\*\*\*\*\*  
\* WE STOCK STAINLESS STEEL \*  
\* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*  
\*\*\*\*\*

Page: 1 ....Continued

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX  
ALUMINUM • BRASS • COPPER • PLASTIC • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

TVQ/QST# 1017327981 TQ001 TPS/GST-TVH/HST # 140223934 RT0001

## B I L L O F L A D I N G

Ship From:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

No: PEC 669  
Ship Date 18Jul16 at 14:20 From PFW  
Probill  
Via VIM DELIVERY  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE

Ship To: ( 1)  
DART AEROSPACE

## B I L L O F L A D I N G

\*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE  
ADDED TO EVERY ORDER.\*\*\*

\*\*\*\*\*

\*\*\*UNE SURCHARGE D'ENERGIE DE \$25.00

SERA AJOUTEE A CHAQUE COMMANDE.\*\*\*

\*\*\*POUR VOS BESOINS D'ACIER INOXYDABLE,

\*CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600\*

Page: 2 .... Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
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REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

DATE

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2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 18Jul16 at 14:20 From PFW  
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Via VIM DELIVERY  
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Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE

Ship To: ( 1)  
DART AEROSPACE

## B I L L O F L A D I N G

\*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE  
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\*\*\*\*\*

\*\*\*UNE SURCHARGE D'ENERGIE DE \$25.00

SERA AJOUTEE A CHAQUE COMMANDE.\*\*\*

\*\*\*POUR VOS BESOINS D'ACIER INOXYDABLE,

\*CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600\*

Page: 2 .... Last

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX  
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

# Acciaierie Valbruna S.p.A.



**CERTIFICATO DI COLLAUDO**  
**ABNAHMEPRUEFZEUGNIS**  
**INSPECTION CERTIFICATE**  
**CERTIFICAT DE RECEPTION**  
**EN 10204 (2004) , 3.1**

QUALITY MANAGEMENT SYSTEM CERTIFIED BY LLOYD'S REGISTER

38100 VICENZA (Italia) - Viale della scienza, 25 z.l.  
Telefono 0444.968211 - Fax 0444.963836  
Stab.: 38100 BOLZANO (Italia) - Via A. Volta, 4/37  
Telefono 0471.924111 - Fax 0471.924497

Cliente / Besteller/Purchaser/Client

VALBRUNA STAINLESS INC.  
2400 TAYLOR STREET WEST  
46801 - FORT WAYNE, IN 46801 - US

Produttore: **ACCIAIERIE VALBRUNA S.P.A.**  
Hersteller/Item/Usine producer

Stato di fornitura: Hot rolled Descaled Annealed Hot  
Lieferzustand / Delivery state rolled  
Etat de livraison

Specifiche:  
Anforderungen / Requirements / Exigencias

VSIO 304/304L  
AMS 5647 J S30403 A  
ASME SA193 2013 B8 CLASS1 (1)  
ASME SA479 2013 S30400/03 A (4)  
ASTM A262 2013 PRACTICE E  
ASTM A320 2011A B8 CLASS1  
MIL-S-862 B/1 304/304L  
QQ-S-763 F 304/304L A  
(0)SECTION II PT.A 2013 EDITION  
(1)SECTION II PT.A 2013 EDITION  
(3)SECTION II PT.A 2013 EDITION  
(5)For products machined directly from bar refer also  
(6)Chemical analysis only.  
(7)Technical circular 1-2011 Published 2011-08-14

AISI 304/304L  
AMS-QQ-S-763 D 304/304L A  
ASME SA276 2013 S30400/03 A (2)  
ASTM A182 2014A S30400/03 A (5)  
ASTM A276 2015 S30400/03 A  
ASTM A479 2014 S30400/03 (6)  
NACE MR0103 2010 S30400/03 A

Certificato nr: **MEST806744/2016/**  
Prüfung/Test/Essai

Conferma ordine nr: **EI16000546**  
Works/Our Order/Ref nr.

Marchio di Fabbrica:

Zeichen des Lieferwerkes  
Trade mark  
Sigle de l'usine productrice

Punzone del Collaudatore:  
Stempel des Werksechverständigen  
Inspector's stamp/Pointon de l'essayeur



MR

AMS 5639 H S30400 A  
ASME SA182 2013 S30400/03 A (0)  
ASME SA320 2013 B8 CLASS1 (3)  
ASTM A193 2014A B8 CLASS1  
ASTM A314 2008 S30400/03  
ASTM A479 2014 S30400/03 A  
NACE MR0175 2009 S30400/03 A (7)

(0) For products machined directly from bar refer to ASME SA479.  
(2)SECTION II PT.A 2013 EDITION  
(4)SECTION II PT.A 2013 EDITION  
(5)to ASTM A479.  
(7)ANSI/NACE MR0175/ISO 15156-3, second edition 2009-10-15

**DAS 48**  
8-89  
16/07/21

Marca:  
Markenbezeichnung  
Brand/Nuance

AISL

Tolleranza: ASTM A484-15 TABLE 5  
Tolerance/Allowance/Tolérance

Punzonatura: 304/304L  
Kennzeichnung/Marking/Marquage

Pos. nr. Pos. nr. Nr. de poste	Oggetto Gegenstand Product description Descr. du produit	Dimensioni - In Abmessungen Dimensions Dimension	Lunghezza - In Länge Length Longueur	Colata Schmelze Heat Coulée	Pezzi Stücke Pieces Pièces	Peso - LB Gewicht Weight Poids	Lotto nr. Losnr. Lot nr. Lot nr.
0060	Flat	3,0000 x 0,6250	144/ 151	268683		2.967	513207130

TEST ALLO STATO DI FORNITURA  
Test on delivery condition Prüfung auf lieferbarem produkt test a l'etat de fourniture Prueba sobre el material así como entregado

TEST	Provetta/Probetas Specimen/Éprouvette Long diam. Spess. Größe Diam. Dicke With diam. Thickness Long. diam. épaisseur mm	°F	Posiz. Sagitt. Profil Längs Entspannung	Snervamento Streckgrenze Yield Stress Limite élastique Rp 0,2% k.s.f.	Snervamento Streckgrenze Yield Stress Limite élastique	Resistenza Zugfestigkeit Tensile strength Résistance à traction Rm k.s.f.	Allungamento Bruchdehnung Elongation Allongement E 4d %	Strizione Einengung Reduction of area Striction RA %	Resilienza Kerbschlagarbeit Impact Value Resilience	Durezza Härte Hardness Dureté HB
Valori richiesti Anforderungen/Required values Valeurs demandées	min			30	-	75 115	- 40	- 50	-	140 235
A	12,5	68	L	44		91	52	70		183

TEST ALLO STATO DI FORNITURA

Test on delivery condition / Prüfung auf lieferbarem produkt / Test a l'etat de fourniture / Prueba sobre el material así como entregado

TEST	min	max
A Grain size for ASTM E112		6

## Analisi chimica

Chemische Zusammensetzung/Chemical Analysis/Analyse chimique

Colata / Heat Schmelze/Coulée	min - max	0,030	1,00	2,00	18,00 20,00	1,00	1,00	8,00 10,50	0,040	0,020 0,030	0,100	-	-	-	-
	C %	Si %	Mn %	Cr %	Mo %	Cu %	Ni %	Co %	P %	S %	N %				
268683	0,019	0,44	1,71	18,27	0,41	0,50	8,10	0,112	0,031	0,029	0,091				

Produced without class I-II Ozone depleting substances.

Solution heat treated free from continuous carbide network.

Annealing temperature: 1940°F for 1 h/water.

Micro and macro etch test: OK

Vicenza, 21/01/16 VCQ008 (Mod. MCE2)	Il collaudatore di stabilimento / der Werkssachverständige / Works Inspector / L'agent d'usine <b>M. Rizzotto</b>	Pagina - 1 di 2
--	--	-----------------

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS CA LTD

Del.: 2404649528

CstAr

CstOr 276735

Wgt.: 82 LB

Date 07/14/2016

*Thomas Sanchez*



# Acciaierie Valbruna S.p.A.



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Clienti / Besteller/Purchaser/Client

VALBRUNA STAINLESS INC.  
2400 TAYLOR STREET WEST  
46801 - FORT WAYNE, IN 46801 - US

Produttore: **ACCIAIERIE VALBRUNA S.P.A.**  
Hersteller/Item/Usine producer

Stato di fornitura: Hot rolled Descaled Annealed Hot  
Lieferzustand / Delivery state rolled  
Etat de livraison

Avviso di Spedizione:  
Lieferenzettel/Packing list/B.L. D-V/16001279

Ordine nr: 47728 STOCK CAROL  
Bestell  
Your order STR  
Commande

Tipo di Elaborazione: E+AOD  
Erzetzungsart/Melting process/Mode d'elaboration

Certificato nr: MEST806744/2016/  
Prüfung/Test/Essai

Conferma ordine nr: EI16000546  
Works/Our Order/Ref nr.

Marchio di Fabbrica:

Zeichen des Lieferwerkes  
Trade mark  
Sigle de l'usine productrice

Punzone del Collaudatore:  
Stempel des Werkssachverständigen  
Inspector's stamp/Pointon de l'essayeur



MR

Intergranular corrosion test per ASTM A262 pract. E: ok.  
Absence of cracks at 20 x magnification after bend test.  
Reduction ratio = 26,7 : 1  
Material is DFARS Compliant

Sono state soddisfatte tutte le condizioni richieste  
Die gestellten Anforderungen sind in Anlage erfüllt  
The material has been furnished in accordance with the requirements  
Le matériel a été trouvé conforme aux exigences

Controllo antimescolanza: OK  
Verwechslungsprüfung: spektralanalytisch durchgeführt  
Antimixing testing performed: OK  
Contrôle antimeslange fait: r.a.s.

Controllo visivo e dimensionale: soddisfa le esigenze  
Besichtigung und Ausmessung: ohne Beanstandung  
Visual inspection and dimensional checks satisfactory  
Contrôle visuel et dimensions: satisfaisant

Melted and manufactured in Italy No welding or weld repair Material free from Mercury contamination

We declare that the finished product is checked for radioactive contamination through Portal System when it leaves the production plant.

The Quality Management System is Certified acc. Pressure Equipment Directive '97/23/EC' Annex 1, s. 4.3 by TUEV and LLOYD'S

Any act of tampering, modification, alteration, counterfeiting and/or falsification and/or any other action which modifies the contents of this test certificate shall constitute a violation of applicable civil and criminal laws. Acciaierie Valbruna shall protect its rights and interests before any competent court, authority and jurisdiction.

Maximal and/or Valplus grades/products are manufactured with ladle techniques to control composition, distribution, size and shape of non-metallic inclusions for improved machinability.

The supplied product conforms to requirements expressly requested by the purchaser and conforms to requirements specified by certified norms and standards. Should the product be used for more severe, critical and/ or in any case different applications than those the material is generally intended for, any different and/or supplementary requirements shall be specifically demanded, at least, upon order of the Product by the Purchaser. Acciaierie Valbruna SpA shall not be responsible for any improper use of the Products.

Vicenza, 21/01/16  
VCQ008

(Mod. MCE2) VERBODEN AFKOPEN VAN DESE VERBODEN AFKOPEN

Il collaudatore di stabilimento / der Werkssachverständige / Works Inspector / L'agent d'usine

M. Rizzotto

Pagina - 2 di 2

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS CA LTD

Del.: 2404649528

CstAr

CstOr 276735

Wgt.: 82 LB

Date 07/14/2016

*Thomas Sanchez*



**COPPER AND BRASS SALES****MATERIAL TYPE****STAINLESS STEEL****AISI SERIES****200 300 400****AND****PRECIPIT HARDENING GRADES****"WARNING"**

INHALATION OF FUMES, FRESHLY GENERATED BY THE WELDING OF STAINLESS STEEL CONTAINING ONE OR MORE OF THE FOLLOWING INGREDIENTS, ZINC, MAGNESIUM OR COPPER, ARE KNOWN TO CAUSE METAL FUME FEVER. INHALATION OF DUST OR FUME FROM STAINLESS STEEL CONTAINING ONE OR MORE OF THE FOLLOWING INGREDIENTS, ALUMINUM, IRON, MANGANESE, SELENIUM, OR TIN, HAS ALSO BEEN REPORTED TO CAUSE METAL FUME FEVER AND MAY CAUSE IRRITATION TO THE RESPIRATORY TRACT AND/OR AGGRAVATE PRE-EXISTING CONDITIONS. TARGET ORGAN IS PRIMARILY THE LUNG.

THIS PRODUCT MAY CONTAIN CHROMIUM, NICKEL OR COBALT. EXPOSURE TO DUST OR FUME MAY CAUSE METAL FUME FEVER WITH FLU-LIKE SYMPTOMS AND KIDNEY AND LIVER DAMAGE. UNDER HIGH TEMPERATURES, HEXAVALENT CHROMIUM MAY BE PRODUCED, IF IN THE INSOLUBLE FORM, IT IS A CONFIRMED HUMAN CARCINOGEN. THIS PRODUCT MAY ALSO CONTAIN NICKEL AND COBALT. INHALATION OF NICKEL OR COBALT DUST OR FUME MAY RESULT IN INFLAMMATION OF THE RESPIRATORY TRACT. NICKEL AND COBALT HAVE BEEN IDENTIFIED AS POTENTIAL HUMAN CARCINOGENS.

IF COATED WITH OIL, MAY CAUSE SKIN IRRITATION/DERMATITIS BY CONTACT. WELDING FUME IS LISTED AS A POSSIBLE CARCINOGENIC TO HUMANS.

READ THE STAINLESS STEEL MATERIAL SAFETY DATA SHEET (MSDS) ON FILE WITH YOUR EMPLOYER BEFORE WORKING WITH THIS MATERIAL.

\* If processing or recycling produces particulate, use exhaust ventilation or other controls designed to prevent exposure to workers. Examples of such activities include melting, welding, grinding, abrasive sawing, sanding and polishing. Any activity which abrades the surface of this material can generate airborne particulate. Use appropriate NIOSH approved respiratory protection (P95; P100 for lead with, quantitative fit testing required) if exposures exceed the permissible limits.

\* The Occupational Safety and Health Administration (OSHA) have set mandatory limits on occupational exposures.

\* Stainless steel, in solid form and as contained in finished products presents no special health risk.

\* Sold for manufacturing purposes only. This product can be recycled; contact your sales representative.

The Occupational Safety and Health Administration require employers to provide training in the proper use of this product.



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO33004

Purchase Order Date 7/13/2016

PO Print Date 7/13/2016

Page Number 1 of 3

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

E-MAILED

Contact Name  
Vendor Phone 905 669 9444  
  
Ship To Contact  
Ship To Phone  
Ship Via: VENDOR'S TRUCK  
Ship Acct:

Buyer  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency CAD  
FOB FCA - (Free Carrier)

JUL 13 2016

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
----------	--	------------------------	--------------------------------------	----	--------------------------------	---------------	-------------------

1	M304B0.625X3.000 ✓	304 BAR .625 X 3.00 ✓	7/25/2016 Yes 7/25/2016		12.00 ✓ f	\$23.25	\$279.00
---	--------------------	-----------------------	-------------------------------	--	--------------	---------	----------

MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS  
AS PER ASTM A276 OR ASTM A240

NOTE: AISI 303 NOT ACCEPTABLE

Line Total: \$279.00

2	M304B1.000X1.000 ✓	304 bar 1.00 x 1.00 ✓	7/20/2016 Yes 7/20/2016		12.00 ✓ f	\$19.64	\$235.65
---	--------------------	-----------------------	-------------------------------	--	--------------	---------	----------

MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS  
AS PER ASTM A276 OR ASTM A240

NOTE: AISI 303 NOT ACCEPTABLE

Line Total: \$235.65

Sp16-7-20

Note:

7/13/2016



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO33004

Purchase Order Date 7/13/2016

PO Print Date 7/13/2016

Page Number 2 of 3

### Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

### Contact Name

### Vendor Phone

905 669 9444

### Ship To Contact

### Ship To Phone

### Ship Via:

### Ship Acct:

VENDOR'S TRUCK

### Buyer

### Customer POID

### Customer Tax #

### Terms

### Currency

### FOB

Chantal Lavoie

10127-2607

Net 30

CAD

FCA - (Free Carrier)

3 M304R.250 ✓

304 SS Round bar .250 ✓

7/20/2016

Yes

7/20/2016

MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276

(NOTE: AISI 303 NOT ACCEPTABLE)

12.00 ✓

f

\$3.75

\$45.00

Line Total:

\$45.00

4 M304R0.375 ✓

304 ROUND BAR 0.375 ✓

7/20/2016

Yes

7/20/2016

MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276

(NOTE: AISI 303 NOT ACCEPTABLE)

12.00 ✓

f

\$3.75

\$45.00

Line Total:

\$45.00

5 M6061T6T1.250W.125 ✓

ALUM. RD TUBING  
1.250 x .125W ✓

7/20/2016

Yes

7/20/2016

MATERIAL: 6061-T6/T62/T6510/T6511 SEAMLESS TUBING  
AS PER WW-T-700/6 OR QQ-A-200/8 OR QQ-A-225/8 OR  
AMS 4080 OR AMS 4082 OR AMS 4083 OR ASTM B210 OR  
ASTM B241

20.00 ✓

f

\$2.25

\$45.00

Note:

7/13/2016

8/16-7-18



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO33004**

Purchase Order Date 7/13/2016

PO Print Date 7/13/2016

Page Number 3 of 3

**Order From :** VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

**Ship To :** DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**  
**Vendor Phone** 905 669 9444  
**Ship To Contact**  
**Ship To Phone**  
**Ship Via:** VENDOR'S TRUCK  
**Ship Acct:**

**Buyer** Chantal Lavoie  
**Customer POID**  
**Customer Tax #** 10127-2607  
**Terms** Net 30  
**Currency** CAD  
**FOB** FCA - (Free Carrier)

6	71401-45	PROCUREMENT QUALITY CLAUSES	7/20/2016	1.00	✓	\$0.00	\$0.00
---	----------	--------------------------------	-----------	------	---	--------	--------

Procurement Quality Clauses  
A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality documents

No  
7/20/2016

8816-7-20

**Line Total:** \$0.00

**PO Total:** \$649.65

**Note:** Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Change Nbr: 1

Change Date: 7/13/2016

Q U O T A T I O N

No: PEC ST-948277

Quoted By:  
 THYSSENKRUPP MATERIALS NA  
 2821 LANGSTAFF ROAD  
 CONCORD, ONTARIO L4K 5C6  
 Tel: 905 669 9444 Fax: 905-738-9033

Quoted To: ( 20115)  
 DART AEROSPACE

Quoted Ship To: ( 1)  
 DART AEROSPACE

Q U O T A T I O N

QT No: PEC ST-948277

\*\*\* CUSTOMER PICK-UP HOURS \*\*\*  
 \*\*\* 9:00 AM TO 4:00 PM \*\*\*  
 \*\*\*\*\*  
 \* WE STOCK STAINLESS STEEL!!!! \*  
 \* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*  
 \*\*\*\*\*  
 \*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE  
 ADDED TO EVERY ORDER.\*\*\*  
 \*\*\*\*\*  
 \*FOR OUR FULL SALES TERMS AND CONDITIONS, PLEASE  
 \*VISIT OUR WEBSITE: [www.copperandbrass.com](http://www.copperandbrass.com)  
 \*\*\*\*\*  
 NO CANCELLATIONS ON PROCESSED MATERIAL.  
 \*\*\*\*\*

Order Totals: 5 Items 139 LBS

Material	Processing	Freight	Other	Taxes	ORDER AMT
649.65				84.45	734.10
Taxes: ONHSTS	84.45	0.00		0.00	0.00